Docket No. 2976-4044US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

4 1

Applicant(s):

T. KEITH et al.

Group Art Unit:

TBA

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Serial No.:

10/021,698

Examiner:

TBA

JAN 2 4 2003

Filed:

October 22, 2001

TECH CENTER 1600/2900

For:

NUCLEOTIDE AND AMINO ACID SEQUENCES RELATING TO RESPIRATORY

DISEASES AND OBESITY

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- Form PTO-1449 (3 pages); 2.
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are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Commissioner for Patents, Washington, DC 20231.

WILBUR ALVANZA

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, DC 20231

Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references 🖂 are attached 🗌 were filed in related application U.S. Serial No(s) _____, filed _____, respectively. This document is being filed within three (3) months of the filing date of the application A check for the requisite fee of \$180 is enclosed. This document is being concurrently filed with the above-identified application This document is being concurrently filed with an Request for Continued Examination (RCE) This document is being filed prior to a first Office Action on the merits. This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application. The Commissioner is hereby authorized to charge any additional fees which may be required for \boxtimes this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 2976-4044US1. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

By:

Respectfully submitted, MORGAN & FINNEGAN, L.L.P.

Dated: January 22, 2003

Caryn DeHoratius

Registration No. 45,881

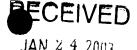
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of <u>3</u>

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FORM PTO-1449	Attorney Docket: IECH CE 2976-4044US1	NTER 1600/29)00 : ,698	
	Applicant: T. KEITH et al.			
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!	U.S. PATENT DOCUMENTS			
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Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
	5,552,526	09/3/1996	Nakamura et al.	530	350	05/13/1994
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Examiner Initial	Patent Number	Issue Date	Country	Class	Sub-Class	Translation
	WO 97/09420	03/13/1997	International	C12N	9/00	☐ Yes ☑ No
	WO 99/37809	07/29/1999	International	C12Q	1/68	☐ Yes ☑ No
-	WO 01/09293	02/8/2001	International	C12N	9/00	☐ Yes 🗵 No
	WO 01/19988	03/22/2001	International	C12N	15/12	☐ Yes ☑ No
	WO 02/14366	02/21/2002	International	C07K	14/47	☐ Yes ☑ No
	WO 02/46768	06/13/2002	International	G01N	33/68	☐ Yes 🗷 No

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Date Considered Examiner

Initial if reference considered, whether or not citation is in conformance with MPEP §609. EXAMINER: Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Applicant

Page 2 of 3 Attorney Docket: Serial No.: 10/021,698 2003 GHORM PTO-1449 2976-4044US1 **Applicant** T. KEITH et al. ASTON DISCLOSURE CITATION Group Art Unit: Filing Date: TBA October 22, 2001 U.S. PATENT DOCUMENTS Examiner Class **Sub-Class Filing Date** Initial **Patent Number Issue Date** Name FOREIGN PATENT DOCUMENTS Examiner **Patent Number Issue Date Country** Class **Sub-Class** Translation Initial ☐ Yes ☐ No ☐ Yes ☐ No OTHER DOCUMENTS (Including Author, Title, Date, etc.) Heinzmann et al., 2000, "Studies on linkage and association of atopy with the chromosomal region 12q13-24", Clin Exp Allergy, 30(11):1554-1561. Jiang et al., 2001, "Genome scan for linkage to asthma using a linkage disequilibrium-lod score test", Genet *Epidemiol*, **21** (Suppl 1):S303-307. G. Malerba et al., 2000, "Linkage analysis of chromosome 12 markers in Italian families with atopic asthmatic children", Am J Respir Crit Care med, 162(4 Pt 1):1587-1590. M.F. Moffatt et al., 1997, "Linkage and candidate gene studies in asthma", Am J Respir Crit Care Med, 156(4 Pt 2): S110-112. R. Nickel et al., 1997, "Evidence for linkage of chromosome 12q15-q24.1 markers to high total serum IgE Concentrations in children of the German Multicenter Allergy Study", Gemonics, 46(1):159-162. J. Satsangi et al., 1996, "Two stage genome-wide search in inflammatory bowel disease provides evidence for Susceptibility loci on chromosomes 3, 7 and 12", Nature Genetics, 14(2):199-202. Silverman et al., 2001, "The pharmacogenetics of asthma: a candidate gene approach", Pharmacogenomics J, Thomas et al., 1997, "The candidate region approach to the genetics of asthma and allergy", Am J Respir Crit Care Med, 156(4 Pt 2):S144-151. Unoki et al., 2000, "Association studies of 33 single nucleotide polymorphisms (SNPs) in 29 candidate genes for Bronchial asthma: positive association a T924C polymorphism in the thromboxane A2 receptor gene", Hum Genet, 106(4):440-446. Date Considered Examiner EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered.

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Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
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Initial	Patent Number	Issue Date	Country	Class	Sub Class	Yes No
						☐ Yes ☐ No
						Yes No
		OTHER DOCUME	NTS (Including Author, Ti	tle Date etc.)		
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EXAMINER:	Initial if reference consid	ered, whether or not citati	Date Considered on is in conformance with MPEP §6	509.		
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